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SANNCE SD-KI51BE0203#UKS

SANNCE 5MP PoE Surveillance Camera User Manual

Model: SD-KI51BE0203#UKS

1. Product Overview

The SANNCE 5MP PoE Surveillance Camera system provides high-definition video monitoring for both indoor and outdoor environments. Designed for robust performance, these cameras feature a durable IP66 weatherproof metal casing, advanced H.264+ video compression, and intelligent infrared night vision. Integrated microphones allow for audio recording, enhancing your security coverage. This manual will guide you through the installation, operation, and maintenance of your SANNCE surveillance cameras.



Image: Two SANNCE 5MP PoE surveillance cameras, showcasing their design and robust build.

2. Package Contents

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact SANNCE customer support.

- 2x 5MP PoE Cameras
- 1x 100 ft (30 m) Network Cable
- 1x 60 ft (18 m) Network Cable
- 1x Wall Sticker
- 1x User Manual (this document)
- 2x Mounting Screw Bags

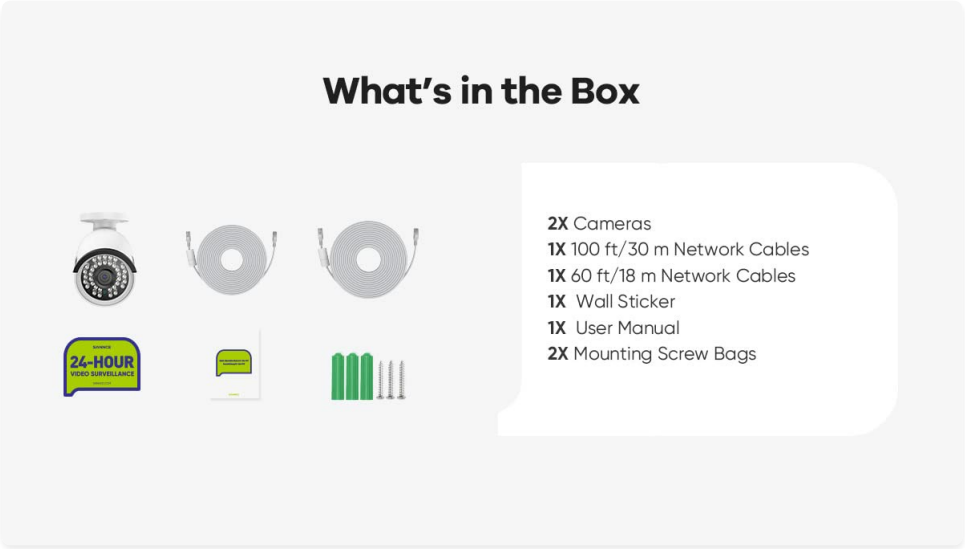


Image: Visual representation of the package contents, including cameras, network cables, and accessories.

3. Product Features

The SANNCE 5MP PoE Surveillance Cameras are equipped with a range of features designed for reliable and effective security monitoring:

- **5MP Super HD Resolution:** Capture clear and detailed video at 2560x1920 resolution, providing superior image quality compared to standard 1080p.
- **Advanced H.264+ Compression:** Efficiently compresses video footage, reducing bandwidth usage and storage requirements without compromising video quality.
- **IP66 Weatherproof Metal Casing:** Built to withstand harsh weather conditions, making the cameras suitable for both indoor and outdoor installation.
- **36 Infrared LEDs & 30m Night Vision:** Provides clear black-and-white video footage up to 30 meters (98 feet) in complete darkness, supported by an IR-CUT filter for accurate day/night switching.
- **Built-in Microphone:** Records audio alongside video, adding another layer of security. (Note: This camera does not support two-way audio.)
- **PoE (Power over Ethernet):** Simplifies installation by allowing both power and data transmission over a single Ethernet cable.
- **Digital WDR:** Enhances image quality in scenes with high contrast lighting.
- **Motion Detection Alerts:** Receive instant push notifications to your smartphone, email alerts with snapshots, or NVR buzzer warnings when motion is detected.
- **Sensitive Human Detection:** Advanced algorithms differentiate human movement from other objects (like pets or swaying branches) to reduce false alarms.
- **Unlimited Remote Access:** View live footage and recordings from anywhere using compatible devices (smartphones, tablets, PCs).



Image: Detailed diagram highlighting the key components and features of the SANNCE camera.



Image: Visual comparison demonstrating the superior clarity of 5MP Super HD resolution over 1080p.



Image: Illustration of the camera's audio recording feature, showing sound waves being captured.



Image: The camera's durability is shown with its IP66 weatherproof metal housing and ability to withstand extreme temperatures (-4°F/-

20°C to 140°F/60°C).



Image: Example of motion detection alerts displayed on a smartphone, including app pushes, email alerts, and NVR buzzer warnings.



Image: Depiction of remote access capabilities, showing camera feeds accessible from various devices.

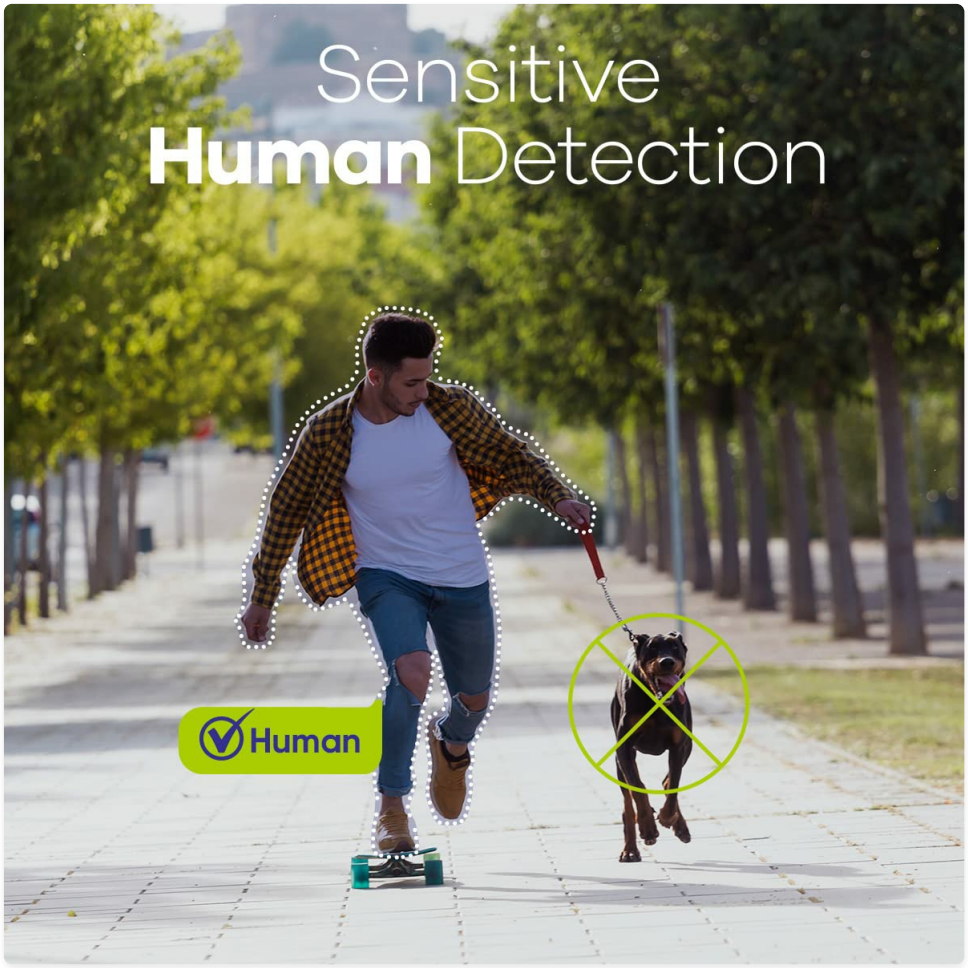


Image: Illustration of the sensitive human detection feature, distinguishing human figures from other moving objects.

4. Setup and Installation

These cameras are designed to work with a compatible SANNCE NVR, such as the N48PBE NVR model, for optimal performance and recording. Ensure your NVR is powered on and connected to your network before proceeding.

4.1 Mounting the Camera

1. **Choose a Location:** Select a strategic location that provides the desired viewing angle and is within reach of an Ethernet cable connection to your PoE NVR or PoE switch. Consider areas prone to intrusion or requiring constant monitoring.
2. **Prepare the Surface:** Use the included mounting template (if provided) or mark the drill holes on the wall or ceiling.
3. **Drill Holes:** Drill pilot holes for the mounting screws. Insert wall anchors if mounting on drywall or masonry.
4. **Secure the Camera:** Align the camera's base with the drilled holes and secure it using the provided screws.
5. **Adjust Angle:** Loosen the adjustment screws on the camera's mounting bracket to position the camera for the optimal viewing angle. Tighten the screws once the desired angle is achieved.

4.2 Connecting the Camera (PoE)

These cameras support Power over Ethernet (PoE), simplifying the wiring process.

1. **Connect Ethernet Cable:** Connect one end of the provided Ethernet cable (100 ft or 60 ft) to the RJ45 port on the

camera.

2. **Connect to NVR/PoE Switch:** Connect the other end of the Ethernet cable to an available PoE port on your SANNCE NVR or a dedicated PoE switch.
3. **Power On:** Once connected, the camera will receive power and data through the Ethernet cable and should automatically power on.
4. **NVR Recognition:** Your NVR should automatically detect and add the camera. Refer to your NVR's user manual for specific steps on adding IP cameras if they do not appear automatically.

5. Operation

Once your cameras are installed and connected to your NVR, you can begin monitoring and utilizing their features.

5.1 Live View and Recording

- **Accessing Live View:** Use your NVR's interface, the SANNCE mobile app, or PC client software to view live footage from your cameras.
- **Recording:** The NVR will automatically record footage based on its settings (e.g., continuous, motion-triggered, scheduled). Ensure your NVR has sufficient storage.
- **Audio Recording:** The built-in microphone will capture audio. This audio will be recorded along with the video footage on your NVR.

5.2 Motion Detection and Alerts

Configure motion detection settings on your NVR or through the SANNCE application to receive alerts for suspicious activity.

- **Enable Motion Detection:** Navigate to the motion detection settings for each camera in your NVR or app.
- **Adjust Sensitivity:** Set the sensitivity level to minimize false alarms while ensuring genuine events are captured.
- **Configure Alert Actions:** Choose your preferred alert methods:
  - **App Push Notifications:** Receive instant alerts on your smartphone.
  - **Email Alerts:** Get email notifications with snapshots of the event.
  - **NVR Buzzer:** The NVR will emit an audible warning.
- **Human Detection:** If available on your NVR/software, enable human detection to filter out non-human movements and reduce irrelevant alerts.

5.3 Remote Access

Access your camera feeds from anywhere with an internet connection.

- **SANNCE App:** Download the official SANNCE app from your device's app store. Register an account and add your NVR/cameras following the in-app instructions.
- **PC Client Software:** Install the SANNCE client software on your computer for comprehensive management and viewing.
- **Web Browser:** Some NVRs allow direct access via a web browser by entering the NVR's IP address.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your SANNCE cameras.

- **Lens Cleaning:** Periodically clean the camera lens with a soft, lint-free cloth. For stubborn dirt, use a mild lens cleaning solution. Avoid abrasive materials that could scratch the lens.
- **Casing Cleaning:** Wipe down the camera casing with a damp cloth to remove dust and dirt.
- **Cable Inspection:** Regularly inspect all cables for any signs of wear, damage, or corrosion, especially for outdoor installations. Replace damaged cables immediately.
- **Firmware Updates:** Check the SANNCE official website for any available firmware updates for your cameras and NVR. Firmware updates can improve performance, add new features, and fix bugs. Follow the update instructions carefully to avoid damaging the device.

7. Troubleshooting

If you encounter issues with your SANNCE cameras, refer to the following common troubleshooting steps:

- **Camera Not Recognized by NVR:**
  - Ensure the Ethernet cable is securely connected at both ends (camera and NVR/PoE switch).
  - Verify that the NVR's PoE ports are functioning correctly.
  - Check if the camera is compatible with your specific NVR model (e.g., SANNCE N48PBE NVR).
  - Restart both the camera (by unplugging and replugging the Ethernet cable) and the NVR.
  - Check the NVR's IP camera management interface to manually add or search for the camera.
  - Ensure the camera's firmware is up to date and compatible with the NVR's firmware.
- **No Video/Poor Image Quality:**
  - Check cable connections.
  - Clean the camera lens.
  - Ensure sufficient lighting for day mode, or that IR LEDs are active for night vision.
  - Verify camera resolution settings on the NVR.
- **No Audio Recording:**
  - Ensure the microphone is enabled in the camera's settings on the NVR or app.
  - Verify that the NVR's audio recording feature is enabled.
- **False Motion Alerts:**
  - Adjust motion detection sensitivity.
  - Define specific motion detection zones to exclude areas with constant movement (e.g., trees swaying).
  - Enable human detection if available.

If these steps do not resolve the issue, please contact SANNCE customer support for further assistance.

8. Specifications

Image Sensor	1/2.7" Progressive Scan CMOS
Video Resolution	5MP (2560 x 1920)
Video Compression	H.264+
Lens / Angle of View	3.6 mm / 70°
Infrared LEDs	36 pieces
Night Vision Distance	Up to 30 m (98 ft)
Day & Night Function	IR-CUT Support
Wide Dynamic Range	Digital WDR
Operating Power	DC12V; PoE (802.3af)
Power Consumption	6 Watts
Operating Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Weatherproof Rating	IP66
Casing Material	Metal
Built-in Microphone	Yes (one-way audio)
Compatible Devices	Security Camera Systems (NVRs)
Certifications	CE, FCC, HDMI

9. Warranty and Support

SANNCE products are designed for reliability and performance. For information regarding product warranty, please refer to the warranty card included in your package or visit the official SANNCE website.

For technical support, troubleshooting assistance, or any inquiries about your SANNCE 5MP PoE Surveillance Cameras, please contact SANNCE customer support through their official website or the contact information provided in your product documentation. When contacting support, please have your product model number (SD-KI51BE0203#UKS) and purchase details ready.

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